



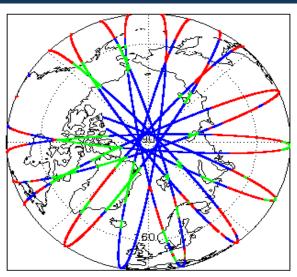
1. Overview

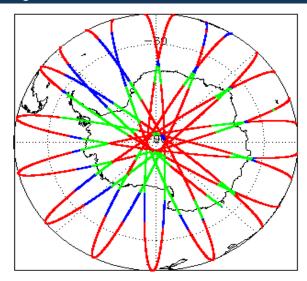
Report Production:	28-Feb-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

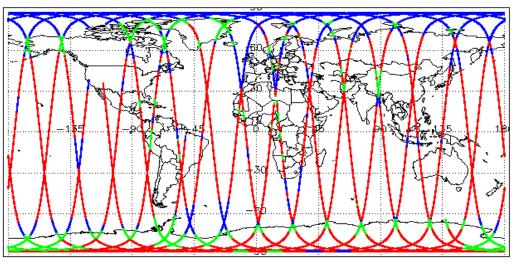
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

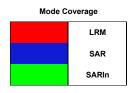
Mission / Instrument News	
28-Jan-2018	None
29-Jan-2018	None
30-Jan-2018	Nothing planned

2. Global Coverage









3. Instrument Configuration

The SIRAL instrument configuration for the day of acquisition is provided below.

SIRAL instrument(s) in use: SIRAL - A

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL).

Number of products with errors:

0

4.2 L1B Product Header Analysis

For all products, a series of pre-defined checks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

4.3 L1B Auxilary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

4.6 L1B Waveform Group Data Check

CryoSat L1B data includes a waveform data flag for each measurement record. The bit value of this flag indicates any problems when set.

Loss of Echo Flag: This flag is currently set for products over land, but this is to be expected.

Number of products with errors:

13

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180129T012552_20180129T013146_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180129T060501_20180129T060550_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180129T011516_20180129T011730_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180129T013752_20180129T014145_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180129T052706_20180129T052834_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180129T092457_20180129T092810_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180129T224521_20180129T224943_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180129T060841_20180129T061641_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180129T110708_20180129T111251_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180129T123526_20180129T123726_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180129T193744_20180129T194105_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180129T205800_20180129T210514_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180129T232304_20180129T232902_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL).

Number of products with errors:

5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

Number of products with errors: 0

5.4 L2 Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767).

Number of products with errors:

5.5 L2 Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

5.6 L2 Range Measurement Check

CryoSat L2 data includes an Ocean and Ice Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are two common status flags raised in the Level 2 products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

Ocean Range Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180129T000032_20180129T001532_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T002209_20180129T002426_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T002504_20180129T002923_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T003105_20180129T004602_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CC OFFI CID CODM 2 20100120T004744 20100120T010210 C001	Ocean Bongs Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T004741_20180129T010219_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T012552_20180129T013146_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T013308_20180129T013520_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T014145_20180129T015707_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T015959_20180129T020829_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180129T021044_20180129T023329_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T031112_20180129T033634_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T033906_20180129T034059_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T034153_20180129T034636_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T034912_20180129T035234_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T035241_20180129T041549_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T044818_20180129T045814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T050351_20180129T051425_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T052840_20180129T055735_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T060555_20180129T060658_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T061948_20180129T065412_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T070019_20180129T070537_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T074315_20180129T074537_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
		records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T074643_20180129T074721_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T075947_20180129T080821_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T081107_20180129T083320_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T083907_20180129T084020_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180129T084028_20180129T084433_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T084632_20180129T085938_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T090125_20180129T090734_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T090918_20180129T091359_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T093852_20180129T101214_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T101411_20180129T101919_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T101938_20180129T102238_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T103017_20180129T110105_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T112030_20180129T113521_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T113541_20180129T115124_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T115311_20180129T115816_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T115855_20180129T120021_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS OFFL SIR GOPM 2 20180129T120752 20180129T121753 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20180129T122411 20180129T123526 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T130207_20180129T131403_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T131542_20180129T133014_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T133227_20180129T133727_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 201801291133227_20180129113727_0001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
		records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T140911_20180129T141737_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T144649_20180129T151011_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T151705_20180129T152017_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T152257_20180129T155002_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180129T162324_20180129T164911_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T165050_20180129T165557_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T165604_20180129T165931_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T170317_20180129T171401_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T171938_20180129T173647_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T175946_20180129T180708_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPM_2_20180129T182240_20180129T182843_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T183049_20180129T183630_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T183713_20180129T183831_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T184226_20180129T191531_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T192928_20180129T193021_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T194902_20180129T200814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T201014_20180129T201524_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T202101_20180129T205519_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T211959_20180129T212436_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T212516_20180129T214250_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T225021_20180129T230853_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T230941_20180129T232304_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T233137_20180129T233335_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180129T070537_20180129T070655_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180129T092229_20180129T092315_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180129T101232_20180129T101411_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180129T165557_20180129T165604_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T001532_20180129T001608_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T003101_20180129T003105_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T052834_20180129T052840_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T075857_20180129T075947_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T191749_20180129T191754_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T224943_20180129T225021_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

5.7 L2 SWH and Backscatter Measurement Check

CryoSat L2 data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags raised in the Level 2 products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

SWH Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ocean Backscatter Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Number of products with errors:

Product	Test Failed	Description
CS OFFL SIR GOPM 2 20180129T000032 20180129T001532 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T002209_20180129T002426_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180129T002504_20180129T002923_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T003105_20180129T004602_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T004741_20180129T010219_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T012552_20180129T013146_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T014145_20180129T015707_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T015959_20180129T020829_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T021044_20180129T023329_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T031112_20180129T033634_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T033906_20180129T034059_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T034153_20180129T034636_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T034912_20180129T035234_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T035241_20180129T041549_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T044818_20180129T045814_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T050351_20180129T051425_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T052111_20180129T052706_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T052840_20180129T055735_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

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Section 1. Control of the Control of	CS_OFFL_SIR_GOPM_2_20180129T061948_20180129T065412_C001		
Description	CS_OFFL_SIR_GOPM_2_20180129T070019_20180129T070537_C001	Ice Backscatter Averaging Status	
EQUIT DE COMPLIQUE CONTROLLE PROPRIET TOUR DE CONTROLLE PROPRIET DE COMPLIQUE CONTROLLE PROPRIET DE CONTROLLE	CS_OFFL_SIR_GOPM_2_20180129T070735_20180129T071015_C001		The SWH and Ocean Averaging Status Flags have been set for one or
The Communication of the Commu	CS_OFFL_SIR_GOPM_2_20180129T074315_20180129T074537_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Comparison Com	CS_OFFL_SIR_GOPM_2_20180129T074643_20180129T074721_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CB_CPFE_SR_COPM_2_CREATERINGS_	CS OFFL SIR GOPM 2 20180129T075947 20180129T080821 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
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CB_OFF_SR_COM_2_20100727198802_2010072719802_2010072719802_COID CB_OFF_SR_COM_2_2010072719802_2010072719802_COID CB_OFF_SR_COM_2_2010072719802_COID CB_OFF_SR_COM_2_20100727198			
CS_CFFL_BR_COM_2_20180129700123_2016012970124_C001 CS_CFFL_BR_COM_2_20180129700123_2016012970124_C001 CS_CFFL_BR_COM_2_20180129700123_2016012970124_C001 CS_CFFL_BR_COM_2_20180129710120_2016012970124_C001 CS_CFFL_BR_COM_2_20180129710121_2016012970124_C001 CS_CFFL_BR_COM_2_20180129710121_2016012970124_C001 CS_CFFL_BR_COM_2_20180129710121_20160129_C001 CS_CFFL_BR_COM_2_20180129710120_C001 CS_CFFL_BR_COM_2_20180129710120_C001 CS_CFFL_BR_COM_2_2018012971020_C001 CS_CFFL_BR_COM_2_201			
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C. OFFL.SR. COPML_201012171031_201012711511_COID SOPPL_SR. COPML_201012711511_201012711511_COID SOPPL_SR. COPML_201012711511_201012711511_COID SOPPL_SR. COPML_201012711511_201012711511_COID SOPPL_SR. COPML_201012711511_201012711511_COID SOPPL_SR. COPML_201012711511_201012711511_COID SOPPL_SR. COPML_201012711511_201012711511_SOPPLANTING CC. OFFL.SR. COPML_201012711511_201012711511_SOPPLANTING CC. OFFL.SR. COPML_2010112711511_201012711511_SOPPLANTING CC. OFFL.SR. COPML_2010112711511_201012711511_SOPPLANTING CC. OFFL.SR. COPML_2010112711271_201001 CC. OFFL.SR. COPML_20101127112713_201001 CC. OFFL.SR. COPML_20101127112713_20101 CC. OFFL.SR. COPML_20101127112713_201001 CC. OFFL.SR. COPML_201011271131141_2010127113712.COID CC. OFFL.SR. COPML_20101127113141_2010127113712.COID CC. OFFL.SR. COPML_20101127113141_2010127113712.COID CC. OFFL.SR. COPML_20101127113141_2010127113141_2010112711314141_20101127113141_20101127113141_2010112711314141_20101127113141_20101127113141_2010	CS_OFFL_SIR_GOPM_2_20180129T101411_20180129T101919_C001	Ice Backscatter Averaging Status	records.
Besocater Averaging States G. GPFL_SIR_GOPM_2_20180129711300201801297115124_C000 G. GPFL_SIR_GOPM_2_20180129711500201801297115124_C001 G. GPFL_SIR_GOPM_2_20180129711500201801297115124_C001 G. GPFL_SIR_GOPM_2_20180129711500201801297115014_C001 G. GPFL_SIR_GOPM_2_201801297120752_2018012971120752_C001 G. GPFL_SIR_GOPM_2_201801297120752_201801297130314_C001 G. GPFL_SIR_GOPM_2_201801297130314_C001 G. GPFL_SIR_GOPM_2_201801297130314_C001 G. GPFL_SIR_GOPM_2_201801297130314_C001 G. GPFL_SIR_GOPM_2_201801297130314_C001 G. GPFL_SIR_GOPM_2_201801297130301_C001901297130314_C001 G. GPFL_SIR_GOPM_2_201801297130301_C001901297130301_C001 G. GPFL_SIR_GOPM_2_201801297130301_C00190129713001_C0	CS_OFFL_SIR_GOPM_2_20180129T101938_20180129T102238_C001		records.
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Backscatter Averaging Status Sec. OFFL_SIR_GOPM_2_20180129T19591_20180129T120252_C001 Inc Backscatter Averaging Status Inc Backscatter Aver	CS_OFFL_SIR_GOPM_2_20180129T112030_20180129T113521_C001	Backscatter Averaging Status	more records.
SO FFL, SR, COPM 2, 20180128713925, 20180128712752, CO11 CS, OFFL, SR, COPM 2, 20180128712925, 20180128712752, CO11 CS, OFFL, SR, COPM 2, 20180128713927, 20180128713926, CO11 CS, OFFL, SR, COPM 2, 20180128713927, 20180128713927, CO11 CS, OFFL, SR, COPM 2, 201801287139372, CO10 CS, OFFL, SR, COPM 2, 20180128713939, 20180128713947, CO11 CS, OFFL, SR, COPM 2, 20180128713982, 20180128710931, CO11 CS, OFFL, SR, COPM 2, 20180128713982, CO180128710932, CO10 CS, OFFL, SR, COPM 2, 20180128713982, CO180128710932, CO180	CS_OFFL_SIR_GOPM_2_20180129T113541_20180129T115124_C001		
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CS_OFFL_SIR_GOPM_2_20180129T140911_20180129T140749_C001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T140911_20180129T140772_C001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T140911_20180129T151011_C001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T146464_20180129T150101_C001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T146464_C001 CS_OFFL_SIR_GOPM_2_20180129T146464_C001 CS_OFFL_SIR_GOPM_2_20180129T15109_20180129T150101_C001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T15109_20180129T15002_C001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T162242_20180129T160001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T162240_20180129T160001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T162240_20180129T160001 CS_OFFL_SIR_GOPM_2_20180129T160002_0001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T160002_0001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T160002_0001 CS_OFFL_SIR_GOPM_2_20180129T160002_0001 CS_OFFL_SIR_GOPM_2_20180129T160002_0001 CS_OFFL_SIR_GOPM_2_20180129T160002_0001 CS_OFFL_SIR_GOPM_2_20180129T160002_0001 CS_OFFL_SIR_GOPM_2_20180129T170007_0001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T170007_0001 CS_OFFL_SIR_GOPM_2_20180129T170007_0001 CS_OFFL_SIR_GOPM_2_20180129T170007_0001 CS_OFFL_SIR_GOPM_2_20180129T170007_0001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T170007_0001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T170007_0001 SVH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T170007_0001 CS_OFFL_SIR_GOPM_2_20180129T100007_00010007_00010007_00010007_00007_	CS_OFFL_SIR_GOPM_2_20180129T131542_20180129T133014_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL_SIR_GOPM_2_20180129T134598_20180129T16074_C001 SOFFL_SIR_GOPM_2_20180129T140911_20180129T151011_C001 SOFFL_SIR_GOPM_2_20180129T151039_20180129T151011_C001 SOFFL_SIR_GOPM_2_20180129T151039_20180129T150012_C001 SOFFL_SIR_GOPM_2_20180129T151039_20180129T150012_C001 SOFFL_SIR_GOPM_2_20180129T150237_20180129T150002_C001 SOFFL_SIR_GOPM_2_20180129T150237_20180129T150002_C001 SOFFL_SIR_GOPM_2_20180129T150237_20180129T150002_C001 SOFFL_SIR_GOPM_2_20180129T1505002_C001 SOFFL_SIR_GOPM_2_20180129T162324_20180129T164911_C001 SOFFL_SIR_GOPM_2_20180129T162324_20180129T165557_C001 SOFFL_SIR_GOPM_2_20180129T165002_20180129T165557_C001 SOFFL_SIR_GOPM_2_20180129T165002_20180129T165002_C001 SOFFL_SIR_GOPM_2_20180129T165002_20180129T165057_C001 SOFFL_SIR_GOPM_2_20180129T165002_20180129T165057_C001 SOFFL_SIR_GOPM_2_20180129T165002_20180129T165057_C001 SOFFL_SIR_GOPM_2_20180129T165002_20180129T165057_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T165057_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T165057_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T165057_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T165057_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T165057_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T165057_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T165002_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T165002_C001 SOFFL_SIR_GOPM_2_20180129T1705002_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T180700_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T180700_C001 SOFFL_SIR_GOPM_2_20180129T1705002_20180129T180100_C001 SOFFL_SIR_GOPM_2_20180129T1801029T17000_C001 SOFFL_SIR_GOPM_2_20180129T180200_20180129T109002_C001 SOFFL_SIR_GOPM_2_20180129T180200_20180129T109002_C001 SOFFL_SIR_GOPM_2_20180129T180200_20180129T109002_C001 SOFFL_SIR_GOPM_2_20180129T104002_20180129T109002_C001 SOFFL_SIR_GOPM_2_20180129T104002_20180129T109002_C001 SOFFL_SIR_GOPM_2_20180129T104002_20180129T100001_C001 SOFFL_SIR_GOPM_2_20180129T104002_20180129T100001_C001 SOFFL_SIR_GOPM_2_20180129T104002_2018012	CS OFFL SIR GOPM 2 20180129T133227 20180129T133727 C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SO FFE_SIR_GOPM_2_20180129T14901_20180129T16902 SO FFE_SIR_GOPM_2_20180129T15105_20180129T15101_C001 SOFFE_SIR_GOPM_2_20180129T15105_20180129T15101_C001 SOFFE_SIR_GOPM_2_20180129T15105_20180129T1505_20180129T15002_C001 SOFFE_SIR_GOPM_2_20180129T15105_20180129T15002_C001 SOFFE_SIR_GOPM_2_20180129T16505_20180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T16505_20180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T16505_20180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T16505_20180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T16505_20180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T165002_20180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T165002_C0180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T165002_C0180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T165002_C0180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T165002_C0180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T165002_C0180129T165002_C001 SOFFE_SIR_GOPM_2_20180129T165002_C0180129T165003_C001 SOFFE_SIR_GOPM_2_20180129T17003T_20180129T17001_C001 SOFFE_SIR_GOPM_2_20180129T17003T_20180129T17008_C001 SOFFE_SIR_GOPM_2_20180129T17003T_20180129T170078_C001 SOFFE_SIR_GOPM_2_20180129T17903B_20180129T180078_C001 SOFFE_SIR_GOPM_2_20180129T17903B_20180129T180078_C001 SOFFE_SIR_GOPM_2_20180129T17903B_20180129T180078_C001 SOFFE_SIR_GOPM_2_20180129T1800129T1800029T180001 SOFFE_SIR_GOPM_2_20180129T1800129T1800029T180001 SOFFE_SIR_GOPM_2_20180129T1900029T1800001 SOFFE_SIR_GOPM_2_20180129T19000000000000000000000000000000000	CS OFFL SIR GOPM 2 20180129T134508 20180129T140749 C001		The SWH and Ocean Averaging Status Flags have been set for one or
S_OFFL_SIR_GOPM_2_20180129T151092_20180129T151011_C001 S_OFFL_SIR_GOPM_2_20180129T15207_C001 S_OFFL_SIR_GOPM_2_20180129T15207_20180129T15002_C001 S_OFFL_SIR_GOPM_2_20180129T152032_20180129T15002_C001 S_OFFL_SIR_GOPM_2_20180129T150502_20180129T15002_C001 S_OFFL_SIR_GOPM_2_20180129T150502_20180129T15002_C001 S_OFFL_SIR_GOPM_2_20180129T150502_20180129T15002_C001 S_OFFL_SIR_GOPM_2_20180129T150502_20180129T165057_C001 S_OFFL_SIR_GOPM_2_20180129T160502_20180129T16002_C001 S_OFFL_SIR_GOPM_2_20180129T16003_C001 S_OFFL_SIR_GOPM_2_20180129T16003_C001 S_OFFL_SIR_GOPM_2_20180129T16003_C001 S_OFFL_SIR_GOPM_2_20180129T16003_C001 S_OFFL_SIR_GOPM_2_20180129T16003_C001 S_OFFL_SIR_GOPM_2_20180129T170037_20180129T16003_C001 S_OFFL_SIR_GOPM_2_20180129T170037_20180129T16003_C001 S_OFFL_SIR_GOPM_2_20180129T170038_20180129T180708_C001 S_OFFL_SIR_GOPM_2_20180129T170038_20180129T18000_C001 S_OFFL_SIR_GOPM_2_20180129T170038_20180129T18000_C001 S_OFFL_SIR_GOPM_2_20180129T180039_C0180129T18000_C001 S_OFFL_SIR_GOPM_2_20180129T180039_C0180129T18000_C001 S_OFFL_SIR_GOPM_2_20180129T180039_C0180129T18000_C001 S_OFFL_SIR_GOPM_2_20180129T180039_C0180129T18000_C001 S_OFFL_SIR_GOPM_2_20180129T180039_C0180129T18000_C001 S_OFFL_SIR_GOPM_2_20180129T180039_C0180129T18000_C001 S_OFFL_SIR_GOPM_2_20180129T180039_C0180129T18000_C001 S_OFFL_SIR_GOPM_2_20180129T180039_C0180129T18000_C001 S_OFFL_SIR_GOPM_2_20180129T180039_C0180129T19001_C001 S_OFFL_SIR_GOPM_2_20180129T19001_20180129T19001_C001 S_OFFL_SIR_GOPM_2_20180129T19001_20180129T19001_C001 S_OFFL_SIR_GOPM_2_20180129T19001_20180129T19001_C001 S_OFFL_SIR_GOPM_2_20180129T19001_20180129T100152_C001 S_OFFL_SIR_GOPM_2_20180129T19001_20180129T100152_C001 S_OFFL_SIR_GOPM_2_20180129T19001_20180129T100152_C001 S_OFFL_SIR_GOPM_2_20180129T19001_20180129T100152_C001 S_OFFL_SIR_GOPM_2_20180129T10014_20180129T100152_C001 S_OFFL_SIR_GOPM_2_20180129T10014_20180129T100152_C001 S_OFFL_SIR_GOPM_2_20180129T10014_20180129T100152_C001 S_OFFL_SIR_GOPM_2_20180129T10014_20180129T100152_C001		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SO OFFL_SIR_GOPM_2_20180129T15108_20180129T151044_C001 CS_OFFL_SIR_GOPM_2_20180129T15207_20180129T152017_C001 CS_OFFL_SIR_GOPM_2_20180129T15207_20180129T152017_C001 CS_OFFL_SIR_GOPM_2_20180129T152032_20180129T165002_C001 CS_OFFL_SIR_GOPM_2_20180129T162032_20180129T165002_C001 CS_OFFL_SIR_GOPM_2_20180129T16505_20180129T165507_C001 CS_OFFL_SIR_GOPM_2_20180129T16505_20180129T165507_C001 CS_OFFL_SIR_GOPM_2_20180129T16506_20180129T165507_C001 CS_OFFL_SIR_GOPM_2_20180129T16504_20180129T165091_C001 CS_OFFL_SIR_GOPM_2_20180129T16504_20180129T165931_C001 CS_OFFL_SIR_GOPM_2_20180129T170317_20180129T17401_C001 CS_OFFL_SIR_GOPM_2_20180129T170317_20180129T165078_C001 CS_OFFL_SIR_GOPM_2_20180129T170317_20180129T162014_C001 CS_OFFL_SIR_GOPM_2_20180129T170348_20180129T183030_C001 CS_OFFL_SIR_GOPM_2_20180129T180202_20180129T183030_C001 CS_OFFL_SIR_GOPM_2_20180129T180202_20180129T180201_C001 CS_OFFL_SIR_GOPM_2_20180129T180202_20180129T190201_C001 CS_OFFL_SIR_GOPM_2_20180129T180202_20180129T190201_C001 CS_OFFL_SIR_GOPM_2_20180129T180202_20180129T190201_C001 CS_OFFL_SIR_GOPM_2_20180129T180202_20180129T190201_C001 CS_OFFL_SIR_GOPM_2_20180129T180202_20180129T1902012_C001 CS_OFFL_SIR_GOPM_2_20180129T190202_20180129T1902012_C001 CS_OFFL_SIR_GOPM_2_20180129T190202_20180129T1902012_C001 CS_OFFL_SIR_GOPM_2_20180129T1902012_0180129T205450_C001 CS_OFFL_SIR_GOPM_2_20180129T1212516_20180129T1212450_C001 CS_OFFL_SIR_GOPM_2_20180129T1212516_20180129T1212450_C001 CS_OFFL_SIR_GOPM_2_20180129T1212516_20180129T212450_C001 CS_OFFL_SIR_GOPM_2_20180129T2121516_20180129T212450_C001 CS_OFFL_SIR_GOPM_2_20180129T2121516_20180129T212450_C001 CS_OFFL_SIR_GOPM_2_20180129T2121516_20180129T212450_C001 CS_OFFL_SIR_GOPM_2_20180129T2121516_20180129T212450_C001 CS_OFFL_SIR_GOPM_2_20180129T2121516_20180129T212450_C001 CS_OFFL_SIR_GOPM_2_20180129T2121516_20180129T212450_C001 CS_OFFL_SIR_GOPM_2_20180129T2121516_20180129T212450_C001 CS_OFFL_SIR_GOPM_2_20180129T2121516_20180129T212450_C001 CS_OFFL_SIR_GOPM_2_20180129T2121516_20180129		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180129T152257_20180129T152052_C001 SWH Averaging Status SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T165604_20180129T16501_C001 SWH Averaging Status, Osean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Osean Backscatter Averaging Status Flags have been			
SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. SVH Averaging Status Flags have been set for one or more records. SVH Averaging Status Flags have been set for one or more records. SVH Averaging Status Flag has been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status, Ocean Backscatter Averaging S			
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CS_OFFL_SIR_GOPM_2_20180129T20121_20180129T212436_C001 CS_OFFL_SIR_GOPM_2_20180129T211959_20180129T212436_C001 CS_OFFL_SIR_GOPM_2_20180129T212516_20180129T214250_C001 CS_OFFL_SIR_GOPM_2_20180129T214543_20180129T214250_C001 CS_OFFL_SIR_GOPM_2_20180129T214543_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T214543_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T221315_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The CWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180129T194902_20180129T200814_C001		
Backscatter Averaging Status more records. CS_OFFL_SIR_GOPM_2_20180129T211959_20180129T212436_C001 CS_OFFL_SIR_GOPM_2_20180129T212516_20180129T214250_C001 CS_OFFL_SIR_GOPM_2_20180129T214543_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T214543_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T23135_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T2335_C001 SWH Averaging Status more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Loe Backscatter Averaging Status Flag has been set for one or more records. The loe Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The loe Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180129T201014_20180129T201524_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_GOPM_2_20180129T211959_20180129T212436_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20180129T214543_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T21456_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 SWH Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The loe Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The loe Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180129T202101_20180129T205519_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180129T212516_20180129T214250_C001 SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20180129T214543_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 SWH Averaging Status SWH Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The lce Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180129T211959_20180129T212436_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180129T214543_20180129T214550_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180129T212516_20180129T214250_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180129T215216_20180129T215426_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T233853_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180129T220127_20180129T223135_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or The SWH and Ocean Averaging Status Flags have been set for one or			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180129T230853_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
		Backscatter Averaging Status	more records.

CS_OFFL_SIR_GOPM_2_20180129T230941_20180129T232304_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T233137_20180129T233335_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180129T233458_20180129T233836_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180129T070537_20180129T070655_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180129T092229_20180129T092315_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180129T101232_20180129T101411_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180129T165557_20180129T165604_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T001532_20180129T001608_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T003101_20180129T003105_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T052834_20180129T052840_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T075857_20180129T075947_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T191749_20180129T191754_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180129T224943_20180129T225021_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

5.8 L2 Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below.

Number of products with errors: 42

6. GOP L2 Pole-to-Pole Data Quality Check

6.1 P2P Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a NetCDF product file (.nc).

Number of products with errors:

6.2 P2P Product Header Analysis

For all products, a series of pre-defined checks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

Number of products with errors:

6.3 P2P Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

Number of products with errors: 0

6.4 P2P Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767). 0

Number of products with errors:

6.5 P2P Measurement Confidence Data Check

CryoSat P2P data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

6.6 P2P Range Measurement Check

CryoSat P2P data includes an Ocean and Ice Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are two common status flags raised in the P2P products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

Ocean Range Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Floudet	Test Falleu	Description
CS_OFFL_SIR_GOP_220180128T233422_20180129T002400_C002	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T002400_20180129T011336_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T011336_20180129T020314_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T020314_20180129T025249_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T025249_20180129T034227_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T034227_20180129T043203_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T043203_20180129T052141_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T052141_20180129T061117_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T061117_20180129T070054_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T070054_20180129T075030_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T075030_20180129T084008_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T084008_20180129T092944_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOP_220180129T092944_20180129T101921_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T101921_20180129T110857_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T110857_20180129T115835_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T115835_20180129T124811_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T124811_20180129T133749_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T133749_20180129T142724_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T142724_20180129T151702_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T151702_20180129T160638_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T160638_20180129T165616_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T165616_20180129T174552_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T174552_20180129T183529_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T183529_20180129T192505_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T192505_20180129T201443_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T201443_20180129T210419_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T210419_20180129T215356_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T215356_20180129T224332_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180129T224332_20180129T233310_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

6.7 P2P SWH and Backscatter Measurement Check

CryoSat P2P data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags raised in the P2P products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

SWH Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ocean Backscatter Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20180128T233422_20180129T002400_C002	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T002400_20180129T011336_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T011336_20180129T020314_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T020314_20180129T025249_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T025249_20180129T034227_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T034227_20180129T043203_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T043203_20180129T052141_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T052141_20180129T061117_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T061117_20180129T070054_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T070054_20180129T075030_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T075030_20180129T084008_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T084008_20180129T092944_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T092944_20180129T101921_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T101921_20180129T110857_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T110857_20180129T115835_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T115835_20180129T124811_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T124811_20180129T133749_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T133749_20180129T142724_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOP_2_20180129T142724_20180129T151702_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T151702_20180129T160638_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T160638_20180129T165616_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T165616_20180129T174552_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T174552_20180129T183529_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T183529_20180129T192505_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T192505_20180129T201443_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T201443_20180129T210419_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T210419_20180129T215356_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T215356_20180129T224332_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180129T224332_20180129T2333310_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180128T233422_20180129T002400_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T002400_20180129T011336_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T011336_20180129T020314_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T025249_20180129T034227_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T034227_20180129T043203_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T043203_20180129T052141_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T052141_20180129T061117_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T061117_20180129T070054_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T070054_20180129T075030_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T075030_20180129T084008_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T084008_20180129T092944_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T092944_20180129T101921_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T101921_20180129T110857_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T110857_20180129T115835_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T115835_20180129T124811_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T124811_20180129T133749_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T133749_20180129T142724_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T160638_20180129T165616_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T174552_20180129T183529_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T183529_20180129T192505_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T201443_20180129T210419_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T210419_20180129T215356_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T215356_20180129T224332_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180129T224332_20180129T233310_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.